UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

08933

7590

10/19/2006

DUANE MORRIS, LLP IP DEPARTMENT 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103-4196 EXAMINER

DOUGHERTY, THOMAS M

ART UNIT PAPER NUMBER

DATE MAILED: 10/19/2006

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/759 670	01/16/2004	Ming-Hung Tseng	TS02-1240	8590

TITLE OF INVENTION: PIEZOELECTRIC O-RING TRANSDUCER

APPLN. TYPE	SMALL ENTITY .	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	01/19/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further cindicated unless corrected maintenance fee notificati	correspondence including below or directed oth ons.	ig the Patent, advance of the erwise in Block 1, by (a	rders and notification of a) specifying a new corr	maintenance fees wi espondence address;	Il be mailed to the current and/or (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for	
CURRENT CORRESPONDE	NCE ADDRESS (Note: Use Blo	ock I for any change of address)	Fe pa	e(s) Transmittal. This pers. Each additional	nailing can only be used for certificate cannot be used for paper, such as an assignme of mailing or transmission.	or any other accompanying	
08933	7590 10/19/	/ 2006	Па		ficate of Mailing or Trans	mission	
DUANE MORE IP DEPARTMEN 30 SOUTH 17TH	NT I STREET		I h St: ad tra	tereby certify that this ates Postal Service wi dressed to the Mail nsmitted to the USPT	Fee(s) Transmittal is being th sufficient postage for firs Stop ISSUE FEE address O (571) 273-2885, on the d	ideposited with the United it class mail in an envelope above, or being facsimile ate indicated below.	
PHILADELPHIA	A, PA 19103-4196					(Depositor's name)	
:	•			-		(Signature)	
						(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	R	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/759,670	01/16/2004		Ming-Hung Tseng	•	TS02-1240	8590	
TITLE OF INVENTION:	PIEZOELECTRIC O-R	RING TRANSDUCER					
			•				
					•		
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	\$300	\$0	\$1700	01/19/2007	
ЕХАМГ	NER	ART UNIT	CLASS-SUBCLASS				
DOUGHERTY,	THOMAS M	2834	310-340000	_			
1. Change of corresponder	nce address or indication	n of "Fee Address" (37	2. For printing on the	patent front page, list	_		
CFR 1.363). Change of correspo	ndence address (or Cha	nge of Correspondence	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to				
☐ "Fee Address" indic PTO/SB/47; Rev 03-02 Number is required.	cation (or "Fee Address' or more recent) attach	'Indication form ed. Use of a Customer	2 registered attorney or 2 registered patent att listed, no name will b	orneys or agents. If n	o name is 3		
3. ASSIGNEE NAME AN	D RESIDENCE DATA	TO BE PRINTED ON	THE PATENT (print or t	ype)		,	
PLEASE NOTE: Unle recordation as set forth	ss an assignee is identi in 37 CFR 3.11. Comp	fied below, no assignee pletion of this form is NO	data will appear on the T a substitute for filing a	patent. If an assigne assignment.	e is identified below, the de	ocument has been filed for	
(A) NAME OF ASSIG	_		(B) RESIDENCE: (CIT		OUNTRY)		
	•						
٠.			r				
Please check the appropria	ate assignee category or	categories (will not be pr	rinted on the patent):	☐ Individual ☐ Cor	poration or other private gro	oup entity Government	
4a. The following fee(s) as	re submitted:	41	_· ` ` ` ` `		previously paid issue fee	shown above)	
☐ Issue Fee	11 de 12	*** B	A check is enclosed.		·		
	o small entity discount p		Payment by credit co			ficiency, or credit any	
		-	overpayment, to Dep	osit Account Number	e the required fee(s), any de (enclose a	n extra copy of this form).	
5. Change in Entity Stati	•			1		SD 1 07/ \/0\	
• •	SMALL ENTITY statu			-	L ENTITY status. See 37 Cl		
interest as shown by the re	ecords of the United State	tes Patent and Trademark	Office.	the applicant, a regis	ered attorney or agent; or the	e assignee of other party in	
Authorized Signature			, <u>.</u>	Date		•	
Addionized Digitature _							
				Registration No)		
Typed or printed name					e public which is to file (and inutes to complete, includin mments on the amount of tir rademark Office, U.S. Dep SEND TO: Commissioner		

Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO	PPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/759,670 0		01/16/2004	Ming-Hung Tseng	TS02-1240	8590		
08933	7590	10/19/2006		EXAM	INER		
DUANE MORRIS, LLP				DOUGHERTY	DOUGHERTY, THOMAS M		
IP DEPARTMENT				ART UNIT	PAPER NUMBER		
30 SOUTH 17TH STREET PHILADELPHIA, PA 19103-4196				2834 DATE MAILED: 10/19/2000	5		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 31 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 31 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.